

Title (en)  
Data decoding apparatus, data decoding method, data transmitting/receiving system, data receiving apparatus, data receiving method and program

Title (de)  
Datenentschlüsselungsvorrichtung, Datenentschlüsselungsverfahren, Datenversand- bzw. empfangssystem, Datenempfangsvorrichtung, Datenempfangsverfahren und Programm

Title (fr)  
Appareil de décodage de données, procédé de décodage de données, appareil de réception de données, procédé et programme de réception de données

Publication  
**EP 2088679 A3 20120801 (EN)**

Application  
**EP 08253289 A 20081009**

Priority  
JP 2007272517 A 20071019

Abstract (en)  
[origin: US2009106621A1] Disclosed herein is a decoding apparatus for decoding an LDPC (Low Density Parity Check) code received in a first format or a second format wherein a process to decode received values each obtained as a result of receiving the LDPC code in the first or second format includes at least F check-node processes carried out concurrently as processes of F check nodes respectively or F variable-node processes carried out concurrently as processes of F variable nodes respectively.

IPC 8 full level  
**H03M 13/11** (2006.01)

CPC (source: EP KR US)  
**H03M 13/09** (2013.01 - KR); **H03M 13/11** (2013.01 - KR); **H03M 13/1111** (2013.01 - EP US); **H03M 13/1137** (2013.01 - EP US); **H03M 13/116** (2013.01 - EP US); **H03M 13/1165** (2013.01 - EP US); **H03M 13/1168** (2013.01 - EP US); **H03M 13/1185** (2013.01 - EP US); **H03M 13/6508** (2013.01 - EP US); **H03M 13/6513** (2013.01 - EP US); **H03M 13/6516** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**US 2009106621 A1 20090423; US 8234555 B2 20120731**; CN 101442317 A 20090527; CN 101442317 B 20120711; EP 2088679 A2 20090812; EP 2088679 A3 20120801; JP 2009100421 A 20090507; JP 4487212 B2 20100623; KR 20090040223 A 20090423; TW 200935754 A 20090816; TW I373922 B 20121001

DOCDB simple family (application)  
**US 25332408 A 20081017**; CN 200810170288 A 20081020; EP 08253289 A 20081009; JP 2007272517 A 20071019; KR 20080101347 A 20081015; TW 97139222 A 20081013